

Express Mail Label No.: EV392158385US

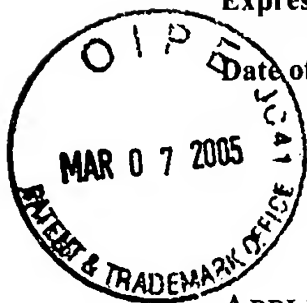
Date of Deposit: March 7, 2005

Attorney Docket No. 29326-014 NATL  
(formerly 17811-014 NATL)

03-08-05

1651 #

erw



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Hunziker et al.

SERIAL NUMBER: 10/031,188

EXAMINER: Jean C. Witz

FILING DATE: May 13, 2002

ART UNIT: 1651

FOR: IMPROVED KERATINOCYTE CULTURE AND USES THEREOF

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Boston, Massachusetts  
March 7, 2005

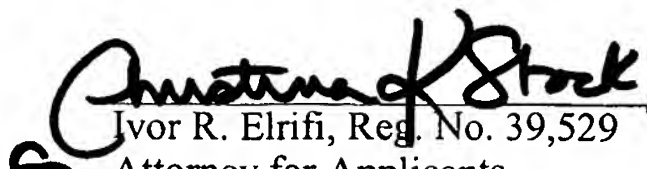
**TRANSMITTAL LETTER**

Enclosed herewith for filing in the above-identified application please find the following documents:

1. Response to October 6, 2004 Office Action with attachments (copy of Article 19 Amendments Transmittal (2 pgs.); copy of return postcard (1 pg)) (17 pgs.);
2. Petition for Extension of Time (1 pg.);
3. Check No. 20175 in the amount of \$225.00 to cover Extension Fee;
4. Terminal Disclaimer (2 pgs.);
5. Check No. 20176 in the amount of \$65.00 to cover Terminal Disclaimer Fee;
6. Return Postcard

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 (Reference No. 29326-014 NATL). A duplicate copy of this Petition is enclosed.

Respectfully submitted,

  
Ivor R. Elrifi, Reg. No. 39,529  
Attorney for Applicants  
c/o MINTZ LEVIN  
Tel.: (617) 542 6000  
Fax: (617) 542-2241

**Customer No. 30623**

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

11-014

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.  
PCT/IB00/01076INTERNATIONAL FILING DATE  
20 July 2000 (20.07.2000)PRIORITY DATE CLAIMED  
20 July 1999 (20.07.1999)

TITLE OF INVENTION

IMPROVED KERATINOCYTE CULTURE AND USES THEREOF

APPLICANT(S) FOR DO/EO/US

HUNZIKER, Thomas; LIMAT, Alain

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 20 below concern document(s) or information included:

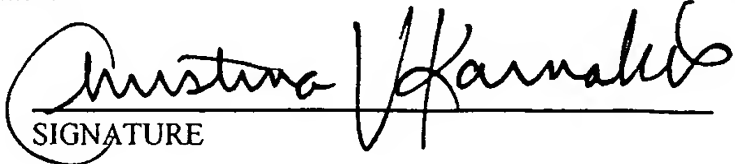
13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Express Mail Label No. EL918131156US

Filed On: 18 January 2002 (18.01.02)

EL918131156US

Best Available Copy

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.492 (a)(1) - (5))		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
		PCT/IB00/01076		17811-014	
24. The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :					
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . .				\$1040.00	
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO . . . . .				\$890.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . .				\$740.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . .				\$710.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) . . . . .				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$890.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	51 - 20 =	31	x \$18.00	\$558.00	
Independent claims	- 3 =	2	x \$84.00	\$168.00	
Multiple Dependent Claims (check if applicable).				<input type="checkbox"/>	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$1,616.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.				\$808.00	
SUBTOTAL =				\$808.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$0.00	
TOTAL NATIONAL FEE =				\$808.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).				<input type="checkbox"/>	\$0.00
TOTAL FEES ENCLOSED =				\$808.00	
				Amount to be: refunded	\$
				charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$808.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0311 A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<div>ELRIFI, Ivor R. Mintz, Levin, Cohn, Ferris, Glovsky &amp; Popeo, P.C. One Financial Center Boston, Massachusetts 02111 United States of America</div> <div> SIGNATURE KARNAKIS, Christina V. NAME 45,899 REGISTRATION NUMBER 18 January 2002 (18.01.02) DATE</div>					

Best Available Copy

USSN \_\_\_\_\_ Int'l Appln No. 1800/01076 Docket No. 17811-014 M By Jem

Title: IMPROVED KERATINOCYTE CULTURE & USES THEREOF

Applicant(s): Huizker, Limit **JC14 Rec'd PCT/PTO 18 JAN 2002**

The following, DUE \_\_\_\_\_ at Box PCT, Assistant Commissioner for Patents, was received in the Mail Room on the date stamped hereon.

- |                                                                                                                                      |                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail<br>(37 CFR 1.10) Label No. <u>EL918131156US</u>           | <input checked="" type="checkbox"/> International Preliminary Examination Report                |
| <input checked="" type="checkbox"/> Check # <u>11405</u> For \$ <u>808</u>                                                           | <input type="checkbox"/> Translation of Annexes to International Preliminary Examination Report |
| <input checked="" type="checkbox"/> Transmittal Letter                                                                               | <input type="checkbox"/> Information Disclosure Statement                                       |
| <input checked="" type="checkbox"/> International Application as Filed                                                               | <input type="checkbox"/> Assignment Document with Cover Sheet                                   |
| <input type="checkbox"/> Translation of International Application into English                                                       | <input type="checkbox"/> First Preliminary Amendment                                            |
| <input checked="" type="checkbox"/> International Search Report                                                                      | <input type="checkbox"/> Second or Subsequent Preliminary Amendment                             |
| <input checked="" type="checkbox"/> Amendments to the Claims under Article 19                                                        | <input type="checkbox"/> Dependent Specification                                                |
| <input type="checkbox"/> Translation of Amendments to the Claims under PCT Article 19                                                | <input type="checkbox"/> Change of Power of Attorney and/or Address Letter                      |
| <input type="checkbox"/> Oath or Declaration of the Inventor(s)<br><input type="checkbox"/> Signed <input type="checkbox"/> Unsigned | <input type="checkbox"/> Verified Statement Claiming Small Entity Status                        |
| <input type="checkbox"/> Other _____                                                                                                 |                                                                                                 |

**RECEIVED**

**FEB 07 2002**

**MINTZ LEVIN, BOSTON  
PATENT DOCKET DEPT.**

**DOCKETED**

**FEB 17 2002**

**10/031188**

Mailing Date 18 January 2002